

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TONGBI JIANG
EDWARD SCHROCK

Serial No.: 09/258,961

EXAMINER: PAREKN, N.

Filing Date: March 1, 1999

ART UNIT: 2811

Title: BGA PACKAGE HAVING SUBSTRATE
WITH PATTERNED SOLDER MASK
DEFINING OPEN DIE ATTACH AREA
(as amended)

Attorney Docket No.: 98-0645.1

REQUEST FOR CORRECTION ON THE FILING RECEIPT
July 26, 2000

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, DC 20231

Dear Sir:

It is respectfully requested to correct the Filing Receipt for the above application. This application is a divisional application of Serial No. 09/191,215 filed on November 12, 1998. Enclosed is a copy of the Filing Receipt with the correction noted thereon. Also enclosed is corrected PTO Form SB/05 (Utility Patent Application Transmittal). Also included is page one of the Preliminary Amendment filed on March 1, 1999 stating this application is a division.

If any fees are due, the Commissioner is authorized to deduct any fees from Deposit Account No. 07-1857. A duplicate copy of this sheet is enclosed.

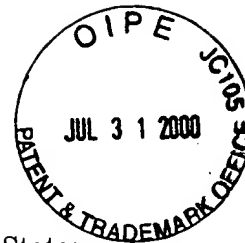
Respectfully submitted:


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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Assistant Commissioner for Patents, Office of Initial Patent Examination, Customer Service Center Washington, DC 20231, on this 26th day of July, 2000.

July 26, 2000
Date of Signature

Stephen A. Gratton
Stephen A. Gratton, Attorney for Applicants

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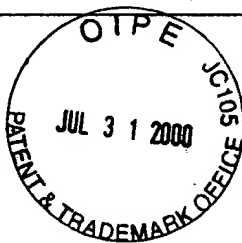
FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
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| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTORNEY DOCKET NO. | DRWGS | TOT CL | IND CL |
|--------------------|-------------|--------------|---------------|---------------------|-------|--------|--------|
| 09/258,961 | 03/01/99 | 2811 | \$838.00 | 98-0645.1 | 6 | 13 | 4 |

STEPHEN A GRATTON
2764 SOUTH BRAUN WAY
LAKEWOOD CO 80228



Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

TONGBI JIANG, BOISE, ID; EDWARD SCHROCK, ~~BOISE~~ ID.

Boise

CONTINUING DATA AS CLAIMED BY APPLICANT-

THIS APPLN IS A ~~GIP~~ OF 09/191,215 11/12/98

DIVISION

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 03/23/99

TITLE

METHOD FOR FABRICATING BGA PACKAGE USING SUBSTRATE WITH PATTERNED
SOLDER MASK OPEN IN DIE ATTACH AREA

PRELIMINARY CLASS: 257

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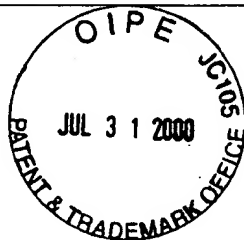
DATA ENTRY BY: HALL, ELMIRA

TEAM: 02 DATE: 03/23/99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TONGBI JIANG
EDWARD SCHROCK



Art Unit: 2811

Serial No.:

Division of Serial No.
09/191,215 filed November 12, 1998

Filing Date: March 1, 1999

Examiner: Nadav, O.

Title: METHOD FOR FABRICATING BGA PACKAGE
USING SUBSTRATE WITH PATTERNED
SOLDER MASK OPEN IN DIE ATTACH AREA

Attorney Docket No.: 98-0645.1

**PRELIMINARY AMENDMENT
SUBMITTED WITH CONTINUING APPLICATION
UNDER 37 CFR 1.53(b)
March 1, 1999**

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Commissioner of Patents and Trademarks
BOX PATENT APPLICATION
Washington, D.C. 20231

Sir:

This Preliminary Amendment is being filed with a continuing application (division) under 37 CFR 1.53(b). Please amend the captioned case as follows.

In the Specification

On page 2, line 1, please add the following:

--Cross Reference To Related Applications

This application is a ~~division~~ of application serial no. 09/191,215, filed on November 12, 1998.--

In the Claims

Please cancel claims 1-23.

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (2/96)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 98-0645.1
First Inventor or Application Identifier TONGBI JIANG
Title METHOD FOR FABRICATING BGA PACKAGE...
Express Mail Label No. EE 697 314 553US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 24]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
4. Oath or Declaration [Total Pages 3]
- a. ☐ Newly executed (original or copy)
 - b. ☒ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
(Note Box 5 below)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5. ☒ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ * Small Entity Statement(s) filed in prior application, (PTO/SB/09-12) ☐ Status still proper and desired
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Other: CHANGE OF ADDRESS FOR CORRESPONDENCE; EXPRESS MAIL CERT.

* NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:
- ☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09, 191,215
- Prior application information: Examiner Nadav, O. Group / Art Unit: 2811

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label or ☒ Correspondence address below
(Insert Customer No. or Attach bar code label here)

Name Stephen A. Gratton
THE LAW OFFICE OF STEPHEN A. GRATTON
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City Lakewood State CO Zip Code 80228
Country US Telephone 303 989 6353 Fax 303 989 6538

Name (Print/Type) Stephen A. Gratton Registration No. (Attorney/Agent) 28,418
Signature [Signature] Date March 1, 1999

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



Receipt

Please type a plus sign (+) inside this box → ☒PTO/SB/21 (6-98)
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|--|------------------------|---------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 09/258,961 |
| | Filing Date | March 1, 1999 |
| | First Named Inventor | JIANG et al. |
| | Group Art Unit | 2811 |
| | Examiner Name | PAREKN, N. |
| Total Number of Pages in This Submission | Attorney Docket Number | 98-0645.1 |

| ENCLOSURES (check all that apply) | | |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers (for an Application) | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment / Response | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | Request for Correction on the Filing Receipt; return postcard |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Small Entity Statement | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | Remarks | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|--|
| Firm or Individual name | Stephen A. Gratton THE LAW OFFICE OF STEPHEN A. GRATTON |
| Signature | |
| Date | July 26, 2000 |

| CERTIFICATE OF MAILING | | | |
|--|--------------------|------|---------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 7/26/00 | | | |
| Typed or printed name | Stephen A. Gratton | | |
| Signature | | Date | July 26, 2000 |

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